3M™ USB3 VISION INDUSTRIAL CAMERA CABLE ASSEMBLY, 1U30A SERIES

- USB3.0 SUPER SPEED DATA TRANSFER RATES UP TO 5Gbps
- HIGH TRANSMISSION CHARACTERISTICS THAT ENABLES OVER 7M TRANSMISSION
- THIN AND FLEXIBLE CABLE FOR EASY HANDLING
- SECURE CONNECTION WITH LOCKING SCREW
- RIGHT ANGLE CONNECTOR AVAILABLE FOR MICRO-B
- THIN CONNECTOR FOR TIGHT SPACE
- ROHS COMPLIANT

**NOTE**

THE TOLERANCE OF HARNESS LENGTH IS LARGER VALUE OF EITHER +30mm/0 OR +3%/0 OF ORDER LENGTH

"SA2" WITH LOCKING SCREW

"SA1" WITHOUT LOCKING SCREW

**CE MARK LABEL (OPTIONAL) SEE ORDERING INFORMATION ON SHEET 4**
# 3M™ USB3 Vision Industrial Camera Cable Assembly, 1U30A Series

## PIN ASSIGNMENT

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## ORDERING INFORMATION

1U30A-MB2X-SAX-XXX-XX

- **CN-1 CONNECTOR:** MB2 = MICRO-B WITH LOCKING SCREW
- **CN-2 CONNECTOR:**
  - **SA1 = STANDARD-A STRAIGHT, WITHOUT LOCKING SCREW**
  - **SA2 = STANDARD-A STRAIGHT, WITH LOCKING SCREW**

### CE MARK OPTIONS
- **BLANK = NONE**
- **CE** = WITH CE MARK LABEL (ex: 1U30A-MB2-SAX-XXX-XX-CE)

### HARNESS LENGTH
- **3M PART NUMBER**
- **0.5m**
- **1m**
- **1.5m**
- **2m**
- **2.5m**
- **3m**
- **3.5m**
- **4m**
- **4.5m**
- **5m**
- **6m**
- **7m**
- **8m**
- **9m**
- **10m**

### OTHER LENGTHS AVAILABLE BY SPECIAL ORDER, CONTACT 3M FOR DETAILS.

## CABLE

- **UL NUMBER:** UL AWM Style 20276
- **TEMPERATURE AND VOLTAGE RATING:** 80°C / 30V
- **CURRENT RATING:** 1.5A(VBUS,GND), 0.2A(Others)
- **SHEATH MATERIAL:** PVC
- **COLOR:** BLACK
- **OUTER DIAMETER:** 6.2mm
- **FLAMMABILITY:** VW-1

## PERFORMANCE

- **OPERABLE TRANSMISSION DISTANCE:** >7m (10m Max*)
  - DEPENDS ON USAGE CONDITIONS

## ENVIRONMENTAL

- **OPERATING TEMPERATURE:** 0 to 70°C
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